

Fig. 1A

51	1.32	R	=====
52	1.55	R	=====
53	1.63	D	=====
54	1.17	E	=====
55	0.42	T	=====
56	0.42	I	=====
57	-0.08	= Q	
58	0.02	V	
59	0.32	K	=====
60	-0.10	= G	
61	-0.10	= N	
62	-0.57	===== G	
63	-0.52	===== Y	
64	-0.55	===== V	
65	-0.05	Q	
66	-0.08	= S	
67	0.17	P	=====
68	0.17	R	=====
69	0.17	F	=====
70	0.18	P	=====
71	-0.32	===== N	
72	0.60	S	=====
73	0.63	Y	=====
74	0.30	P	=====
75	-0.05	R	
76	-0.37	===== N	
77	-0.43	===== L	
78	-1.50	===== L	
79	-1.03	===== L	
80	-1.03	===== T	
81	-0.82	===== W	
82	-0.47	===== R	
83	-0.37	===== L	
84	0.70	H	=====
85	0.23	S	=====
86	0.47	Q	=====
87	1.05	E	=====
88	0.70	N	=====
89	0.70	T	=====
90	-0.10	= R	
91	-0.38	===== I	
92	-0.73	===== Q	
93	-0.73	===== L	
94	-0.40	===== V	
95	-0.40	===== F	
96	-0.52	===== D	
97	-0.27	===== N	
98	-0.15	= Q	
99	-0.15	= F	
100	0.32	G	=====
101	0.20	L	=====
102	1.12	E	=====
103	1.15	E	=====
104	1.95	A	=====

Fig. 1B

105 1.15
 106 0.48
 107 1.07
 108 0.18
 109 0.65
 110 -0.27
 111 -0.22
 112 0.45
 113 -0.30
 114 0.58
 115 0.58
 116 0.70
 117 1.00
 118 1.00
 119 1.18
 120 0.73
 121 0.17
 122 0.17
 123 -0.18
 124 -0.18
 125 -0.12
 126 0.33
 127 -0.17
 128 -0.03
 129 0.27
 130 -0.32
 131 0.18
 132 0.18
 133 0.50
 134 0.67
 135 0.67
 136 1.25
 137 0.45
 138 0.45
 139 0.75
 140 1.25
 141 1.18
 142 0.72
 143 1.05
 144 0.25
 145 0.70
 146 -0.10
 147 -0.10
 148 -0.55
 149 -0.08
 150 0.27
 151 0.27
 152 1.07
 153 0.75
 154 0.75
 155 0.00
 156 -0.13
 157 -0.13
 158 -0.63

E =====
 N =====
 D =====
 I ==
 C =====
 == R
 == Y
 D =====
 == F
 V =====
 E =====
 V =====
 E =====
 D =====
 I =====
 S =====
 E ==
 T ==
 == S
 == T
 = I
 I ==
 == R
 G
 R ==
 == W
 C ==
 G ==
 H =====
 K =====
 E =====
 V =====
 P =====
 P =====
 R =====
 I =====
 K =====
 S =====
 R =====
 T ==
 N =====
 = Q
 = I
 ===== K
 = I
 T ==
 F ==
 K =====
 S =====
 D =====
 D
 = Y
 = F
 ===== V

Fig. 1C

159	-0.25	===	A
160	-0.25	===	K
161	0.50		P =====
162	0.28		G ===
163	-0.60	=====	F
164	-0.98	=====	K
165	-0.93	=====	I
166	-0.82	=====	Y
167	-1.62	=====	Y
168	-0.82	=====	S
169	0.07		L =
170	0.03		L
171	0.02		E
172	0.32		D ===
173	0.53		F =====
174	-0.05	=	Q
175	-0.63	=====	P
176	-0.17	==	A
177	0.30		A ===
178	0.23		A ==
179	0.35		S =====
180	0.27		E ===
181	0.85		T =====
182	0.85		N =====
183	0.10		w =
184	0.10		E =
185	0.12		S =
186	0.33		V ===
187	-0.47	=====	T
188	-1.08	=====	S
189	-0.83	=====	S
190	-1.02	=====	I
191	-1.02	=====	S
192	-1.45	=====	G
193	-1.12	=====	V
194	-0.50	=====	S
195	-0.50	=====	Y
196	-0.20	==	N
197	-0.50	=====	S
198	-0.18	==	P
199	0.28		S ===
200	0.23		V ==
201	0.17		T ==
202	-0.18	==	D
203	-0.23	==	P
204	-0.25	===	T
205	-0.25	===	L
206	-0.33	===	I
207	-0.57	=====	A
208	0.23		D ==
209	1.03		A =====
210	1.62		L =====
211	0.82		D =====
212	0.82		K =====

Fig. 1D

213	1.62		K	=====
214	0.70		I	=====
215	0.70		A	=====
216	0.13		E	=
217	0.18		F	==
218	0.77		D	=====
219	0.77		T	=====
220	0.88		V	=====
221	0.08		E	=
222	0.65		D	=====
223	0.52		L	=====
224	-0.40	=====	L	
225	-0.87	=====	K	
226	-0.57	=====	Y	
227	0.23		F	==
228	-0.22	==	N	
229	0.00		P	
230	0.45		E	=====
231	0.92		S	=====
232	1.42		W	=====
233	0.62		Q	=====
234	1.07		E	=====
235	1.27		D	=====
236	1.02		L	=====
237	0.13		E	=
238	-0.67	=====	N	
239	0.13		M	=
240	-0.43	=====	Y	
241	-0.47	=====	L	
242	0.25		D	===
243	0.65		T	=====
244	1.45		P	=====
245	0.95		R	=====
246	1.52		Y	=====
247	1.57		R	=====
248	1.08		G	=====
249	0.98		R	=====
250	0.98		S	=====
251	1.48		Y	=====
252	1.48		H	=====
253	1.48		D	=====
254	1.97		R	=====
255	1.80		K	=====
256	1.80		S	=====
257	1.00		K	=====
258	1.00		V	=====
259	1.45		D	=====
260	0.65		L	=====
261	0.93		D	=====
262	0.93		R	=====
263	1.73		L	=====
264	1.15		N	=====
265	1.15		D	=====
266	1.95		D	=====

Fig. 1E

267	1.93		A	=====
268	1.48		K	=====
269	0.82		R	=====
270	0.83		Y	=====
271	0.33		S	===
272	0.33		C	===
273	0.35		T	=====
274	0.32		P	===
275	0.53		R	=====
276	0.35		N	=====
277	0.38		Y	=====
278	-0.42	=====	S	
279	0.05		V	=
280	0.53		N	=====
281	0.98		I	=====
282	0.93		R	=====
283	1.40		E	=====
284	1.40		E	=====
285	0.82		L	=====
286	0.35		K	=====
287	-0.40	=====	L	
288	-0.35	=====	A	
289	-1.27	=====	N	
290	-1.38	=====	V	
291	-1.30	=====	V	
292	-0.83	=====	F	
293	-0.75	=====	F	
294	-0.80	=====	P	
295	-0.68	=====	R	
296	-0.52	=====	C	
297	-0.48	=====	L	
298	-0.48	=====	L	
299	-0.48	=====	V	
300	-0.18	==	Q	
301	0.12		R	=
302	0.40		C	=====
303	0.20		G	==
304	-0.30	====	G	
305	-0.30	====	N	
306	-0.87	=====	C	
307	-0.93	=====	G	
308	-1.22	=====	C	
309	-1.02	=====	g	
310	-1.58	=====	T	
311	-0.92	=====	V	
312	-0.30	====	N	
313	-0.40	=====	W	
314	-0.22	==	R	
315	-0.42	=====	S	
316	0.18		C	==
317	-0.27	====	T	
318	-0.32	====	C	
319	0.35		N	=====
320	0.35		S	=====

Fig. 1F

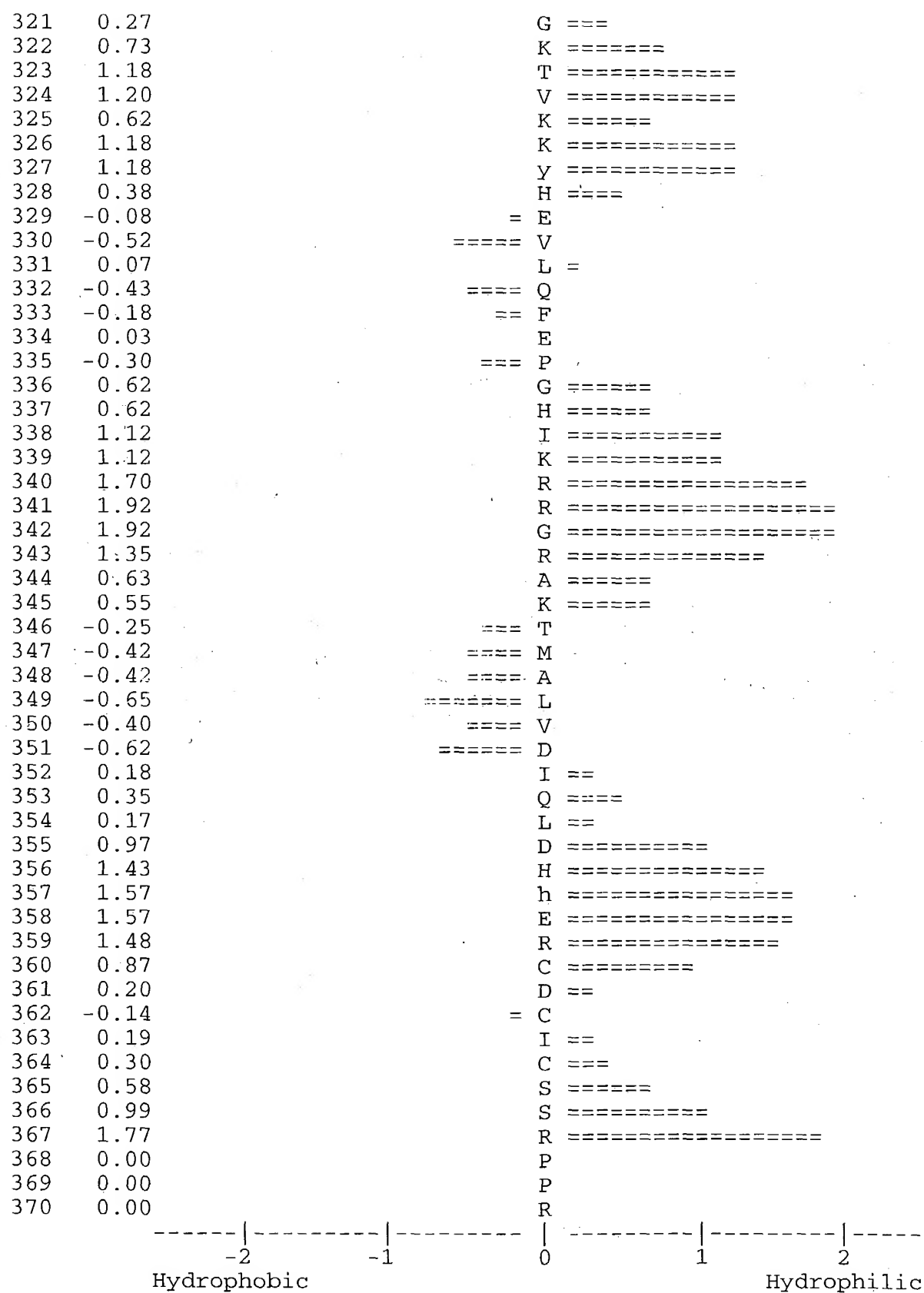


Fig. 1G